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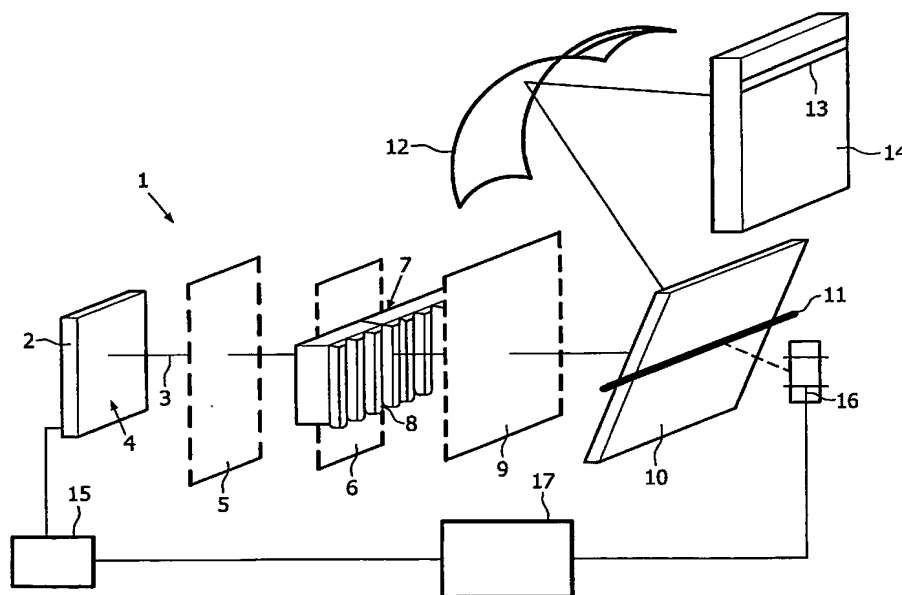
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(54) Title: A THREE-DIMENSIONAL DISPLAY



(57) Abstract: The invention relates to a three-dimensional auto-stereoscopic display aimed at, but not restricted to domestic television applications. In this display different viewing directions in the horizontal plane are created by projecting an image on a 2D display through lenticular lenses and onto horizontal lines of to the 3D screen. These lines are scanned along the display by means of a single rotating mirror. The proposed embodiment has a large viewing angle and shows a picture with realistic parallax and perspective. Compared to other known three-dimensional displays, it uses existing components, has a simple construction and is light efficient.



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